

Scaled data based on original data using  
LM-79-08 Approved Method: Electrical and Photometric Measurements of Solid-  
State Lighting Products

Test Report Prepared for  
Cooper Lighting Solutions  
(formerly Eaton)

Brand: INVUE

Report Number: P180611

Luminaire Tested: **ICM-F06-LED-E1-SL3-HSS-8030**

Issue Date: 03/03/2020

**Test Information**

Test Method: LM-79-08  
Report Number: P180611  
REPORT IS SCALED FROM IESNA LM-79-08 TEST DATA (P33727)  
Test Lab: INNOVATION CENTER-P3  
Issue Date: 03/03/2020  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: INVUE  
Catalog Number: ICM-F06-LED-E1-SL3-HSS-8030  
Description: ICON SITE MEDIUM LED LUMINAIRE  
(6) LIGHTBARS WITH AccuLED OPTICS - TYPE 3 W/ SPILL LIGHT CONTROL AND HOUSE SIDE SHIELD  
Light Source: (42) 3000K CCT, 80 CRI LEDs  
Ballast/Driver: -

**Summary**

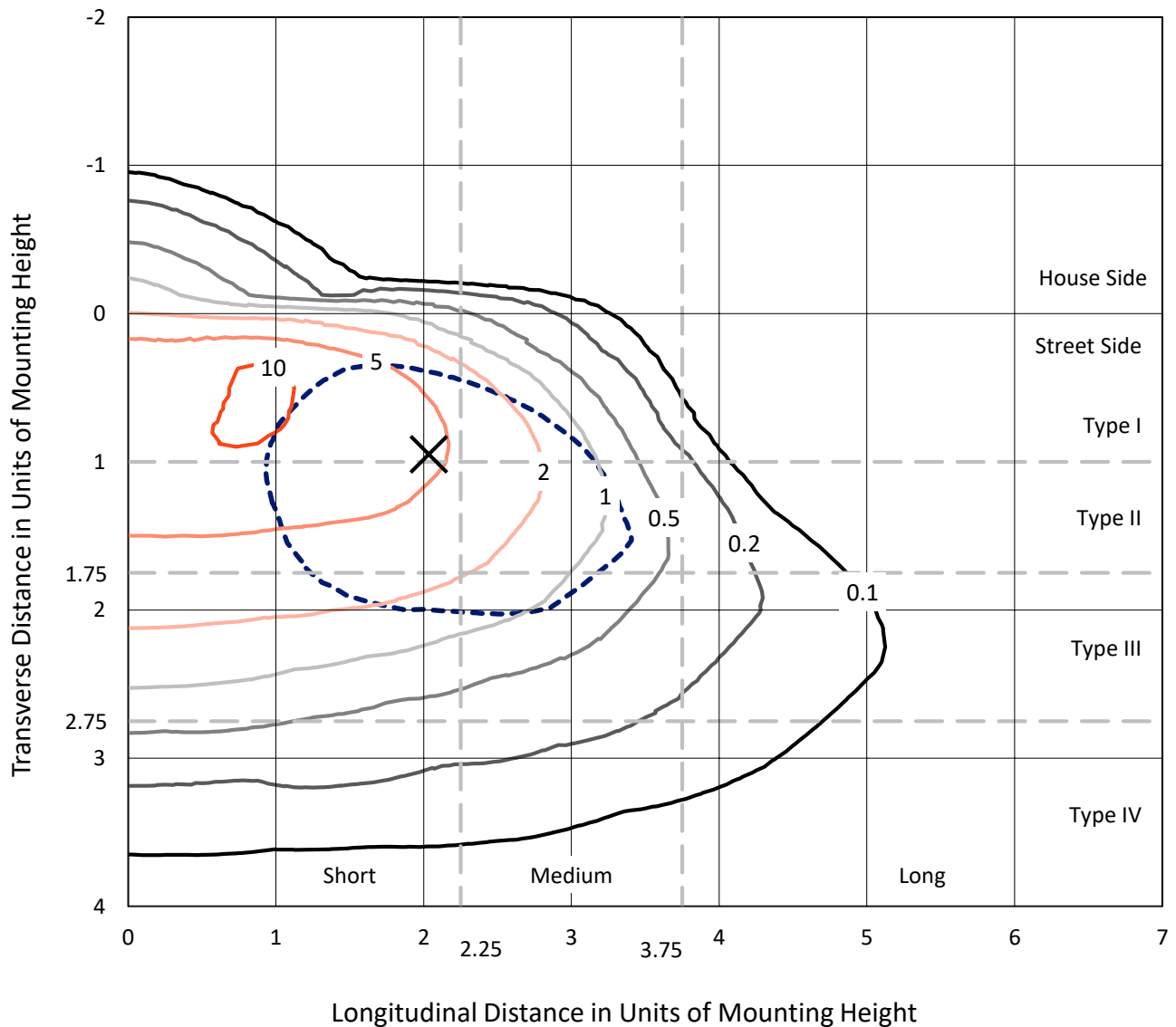
Lumens per Lamp: N/A  
Luminaire Lumens: 6742.4 lumens  
Efficiency: N/A  
Efficacy: 43.1 lumens/watt  
Luminous Opening: Rectangular w/ Sides (W: 1' x L: 1' x H: 0.1')  
IES Classification: Type III - Short - Non-Cutoff  
BUG Rating: B0 - U0 - G2  
  
Input Watts (W): 156.5  
Input Voltage (V): NR  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 25 FT



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### Iso-Footcandle Lines of Horizontal Illumination

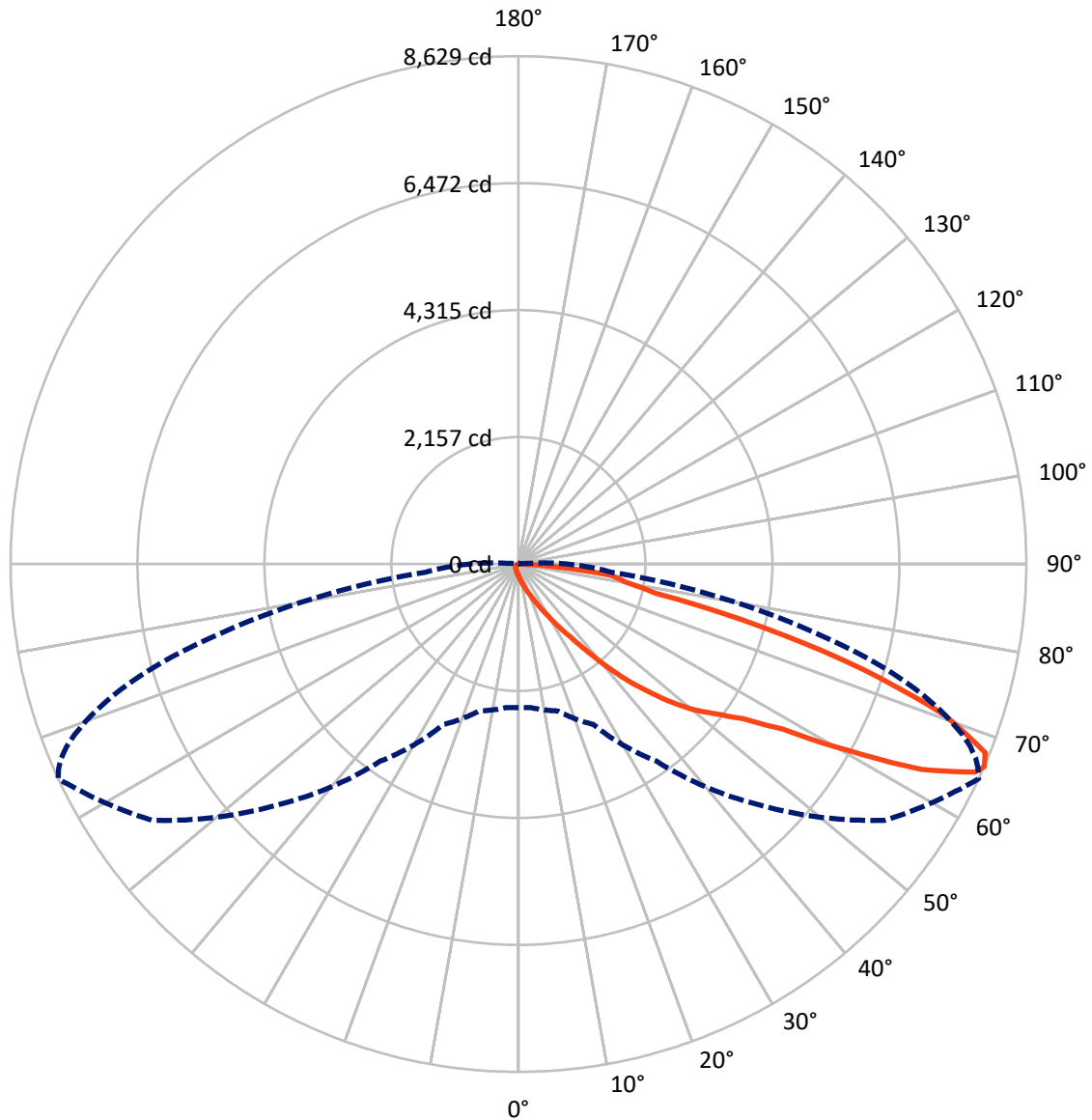
× Max cd  
 - - - 1/2 Max cd



Based on 10 foot mounting height. Maximum calculated value = 11.1 fc  
 Type III - Short - Non-Cutoff

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CATALOG NUMBER: ICM-F06-LED-E1-SL3-HSS-8030

### Luminous Intensity Polar Plot



— Vertical Plane Through 65-Deg Lateral    - - - Horizontal Cone Through 66-Deg Vertical

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CATALOG NUMBER: ICM-F06-LED-E1-SL3-HSS-8030

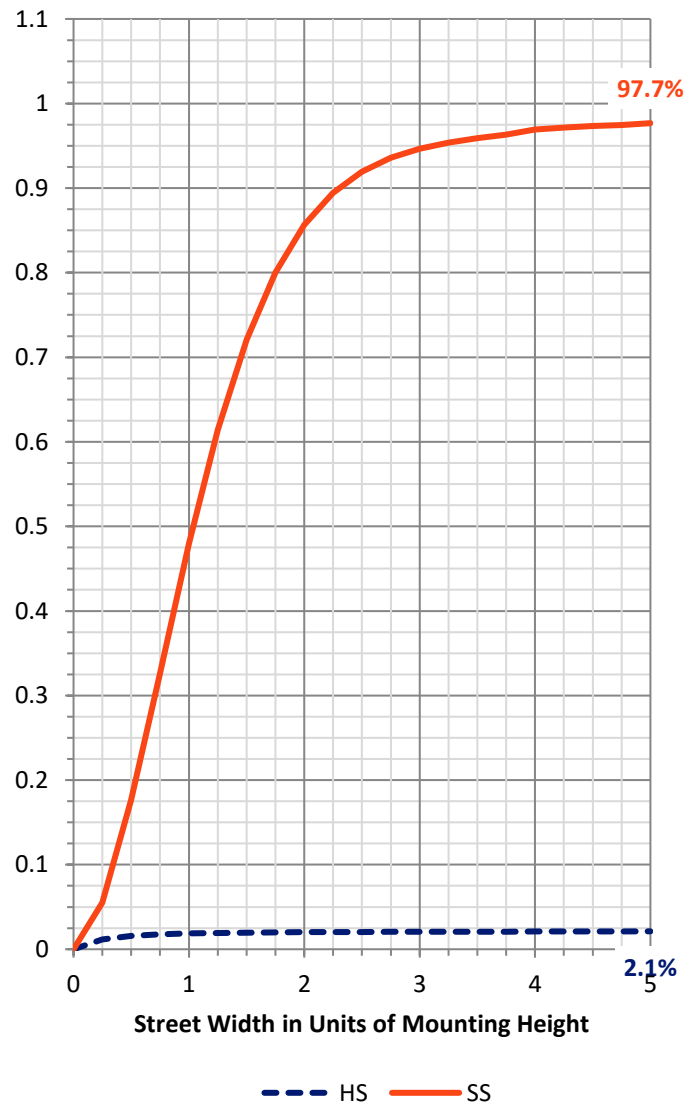
**FLUX DISTRIBUTION:**

		Downward	Upward	Total
<b>House Side</b>	Lumens	146.1	0.0	146.1
	% Fixture	2.2	0.0	2.2
<b>Street Side</b>	Lumens	6596.3	0.0	6596.3
	% Fixture	97.8	0.0	97.8
<b>Total</b>	Lumens	6742.4	0.0	6742.4
	% Fixture	100.0	0.0	100.0

**Coefficient of Utilization**

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	22.8	0.3
10°-20°	96.6	1.4
20°-30°	208.3	3.1
30°-40°	444.9	6.6
40°-50°	984.0	14.6
50°-60°	1667.5	24.7
60°-70°	2225.2	33.0
70°-80°	980.2	14.5
80°-90°	112.9	1.7
90°-100°	0.0	0.0
100°-110°	0.0	0.0
110°-120°	0.0	0.0
120°-130°	0.0	0.0
130°-140°	0.0	0.0
140°-150°	0.0	0.0
150°-160°	0.0	0.0
160°-170°	0.0	0.0
170°-180°	0.0	0.0
0°-90°	6742.4	100.0
0°-180°	6742.4	100.0



REPORT NUMBER: P180611

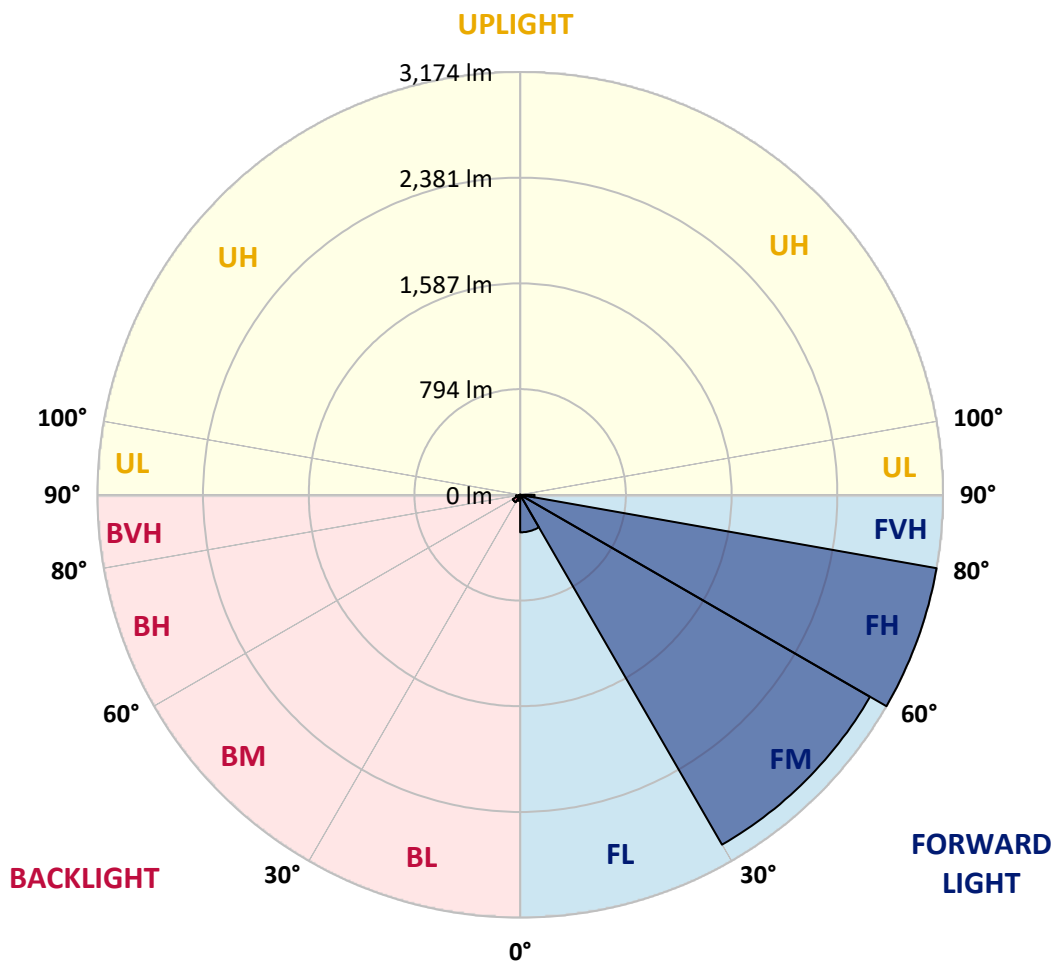
CATALOG NUMBER: ICM-F06-LED-E1-SL3-HSS-8030

**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	281.6	4.2			
FM	(30°-60°)	3032.3	45.0			
FH	(60°-80°)	3174.0	47.1			G2/5000
FVH	(80°-90°)	108.4	1.6			G2/225
BL	(0°-30°)	46.1	0.7	B0/110		
BM	(30°-60°)	64.1	1.0	B0/220		
BH	(60°-80°)	31.3	0.5	B0/110		G0/110
BVH	(80°-90°)	4.5	0.1			G0/10
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

**BUG Rating: B0-U0-G2**

Type III Short





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**CANDELA DISTRIBUTION (FULL):**

	0°	5°	15°	25°	35°	45°	55°	65°	66°	67°	68°
0°	203.5	203.5	203.5	203.5	203.5	203.5	203.5	203.5	203.5	203.5	203.5
2.5°	256.7	255.4	250.1	250.1	242.4	237.2	230.7	224.3	224.3	223.0	221.7
5°	339.6	331.8	330.5	316.3	304.7	287.8	272.2	251.4	248.8	246.3	245.0
7.5°	431.6	430.3	418.7	401.9	378.5	347.4	316.3	282.6	277.4	274.8	269.6
10°	550.9	544.5	528.8	500.4	465.4	423.9	373.3	320.2	313.7	308.5	306.0
12.5°	665.0	653.3	644.3	607.9	563.9	503.0	442.0	365.6	360.4	353.9	343.5
15°	771.3	760.9	745.3	714.2	665.0	588.5	517.2	423.9	410.9	401.9	394.0
17.5°	854.2	847.7	829.6	794.6	741.5	674.1	588.5	483.5	473.1	461.5	447.2
20°	933.3	924.2	895.7	847.7	790.7	738.9	672.7	561.3	547.0	532.7	517.2
22.5°	1008.5	999.4	952.8	873.7	812.7	790.7	767.4	649.4	627.4	615.7	600.2
25°	1113.5	1094.1	1021.5	895.7	814.1	830.9	871.1	763.5	742.8	725.9	701.3
27.5°	1254.8	1228.8	1114.8	928.1	819.3	875.0	990.3	902.2	880.2	860.7	833.5
30°	1414.2	1397.4	1261.2	1005.9	856.8	939.8	1123.8	1078.5	1052.6	1029.2	996.8
32.5°	1575.0	1551.6	1416.8	1153.7	958.0	1065.5	1291.1	1283.3	1249.6	1227.5	1192.6
35°	1716.3	1704.6	1604.8	1396.1	1188.7	1285.9	1514.1	1523.1	1493.3	1470.0	1431.1
37.5°	1812.2	1812.2	1792.8	1656.7	1555.5	1628.1	1842.0	1843.3	1813.5	1760.3	1740.8
40°	1861.4	1875.7	1945.7	1971.6	1966.4	2059.7	2272.4	2249.0	2224.4	2197.1	2132.4
42.5°	1962.5	1975.5	2124.6	2303.5	2420.1	2543.3	2689.8	2682.0	2652.1	2602.9	2543.3
45°	2133.7	2150.5	2328.1	2611.9	2851.7	3026.8	3120.1	3083.8	3054.0	3007.4	2976.2
47.5°	2351.5	2383.8	2584.8	2936.0	3225.1	3514.2	3611.4	3515.5	3489.5	3453.2	3402.7
50°	2583.5	2614.5	2828.5	3230.3	3557.0	3901.7	4063.7	3901.7	3864.1	3852.5	3795.5
52.5°	2784.4	2810.2	3016.4	3457.1	3811.0	4215.5	4451.4	4237.5	4210.3	4171.4	4129.9
55°	2903.6	2924.4	3117.5	3566.0	3983.4	4498.0	4826.0	4638.0	4597.8	4582.3	4522.6
57.5°	2943.8	2964.6	3138.3	3580.3	4076.8	4755.9	5281.0	5287.5	5239.5	5183.8	5165.6
60°	2943.8	2967.2	3113.6	3545.2	4167.5	5030.8	5887.6	6428.1	6324.4	6314.1	6247.9
62.5°	2822.0	2844.0	2991.7	3437.7	4289.3	5401.5	6732.8	7686.8	7657.0	7589.6	7480.7
65°	2557.5	2570.5	2715.6	3162.9	4242.6	5742.5	7465.2	8524.2	8476.2	8344.1	8204.1
66°	2438.2	2448.7	2584.8	3006.1	4089.7	5789.1	7594.7	8629.2	8550.1	8438.7	8280.5
67.5°	2265.9	2284.0	2379.9	2714.3	3722.8	5627.1	7513.2	8555.3	8486.7	8351.8	8193.6
70°	1512.8	1499.7	1838.1	2083.1	2836.2	4584.9	6740.5	7681.6	7682.9	7619.4	7555.9
72.5°	718.1	725.9	824.4	1282.0	1856.3	3063.1	5365.2	6131.3	6219.5	6105.3	6026.3
75°	515.9	527.5	587.2	784.3	1107.0	1838.1	3477.9	4288.0	4290.6	4088.4	3908.2
77.5°	150.3	156.8	220.4	483.5	829.6	1240.6	1997.5	2383.8	2328.1	2182.9	2046.8
80°	62.2	62.2	64.8	154.2	333.1	842.6	1397.4	1835.5	1829.0	1773.3	1692.9
82.5°	23.3	24.7	31.1	63.5	79.1	207.4	932.0	1593.1	1589.2	1510.1	1453.1
85°	2.6	2.6	7.8	27.3	29.8	38.9	186.7	702.6	698.7	702.6	615.7
87.5°	0.0	0.0	1.3	2.6	3.9	5.2	7.8	27.3	29.8	28.6	26.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P180611

CATALOG NUMBER: ICM-F06-LED-E1-SL3-HSS-8030

**CANDELA DISTRIBUTION (continued):**

	69°	70°	71°	72°	73°	74°	75°	76°	77°	78°	79°
0°	203.5	203.5	203.5	203.5	203.5	203.5	203.5	203.5	203.5	203.5	203.5
2.5°	221.7	219.1	219.1	217.8	217.8	217.8	216.5	215.2	215.2	213.9	212.6
5°	242.4	239.8	238.5	235.9	234.6	233.3	230.7	229.4	226.9	225.6	224.3
7.5°	267.1	261.9	260.6	256.7	252.7	250.1	247.6	243.7	241.1	235.9	234.6
10°	298.1	291.6	286.5	281.3	277.4	270.9	267.1	261.9	256.7	252.7	248.8
12.5°	338.3	329.2	321.5	316.3	307.3	299.4	291.6	287.8	277.4	272.2	265.8
15°	382.4	372.0	363.0	352.6	346.1	333.1	322.8	311.1	306.0	296.8	286.5
17.5°	439.4	422.6	408.3	398.0	385.0	372.0	360.4	348.7	333.1	322.8	309.8
20°	500.4	486.1	466.6	448.5	432.9	417.4	400.6	385.0	370.7	353.9	338.3
22.5°	578.1	557.4	534.0	515.9	495.2	478.3	455.0	434.2	410.9	388.8	370.7
25°	676.7	649.4	627.4	601.5	576.8	550.9	522.4	496.5	466.6	446.0	414.8
27.5°	798.5	772.6	742.8	709.0	684.5	645.5	607.9	575.5	540.6	508.1	473.1
30°	954.1	916.5	885.3	852.9	803.7	766.1	722.1	678.0	630.0	597.6	544.5
32.5°	1140.8	1100.6	1053.9	1007.2	961.9	908.7	854.2	799.8	746.6	687.0	632.6
35°	1368.8	1320.8	1267.7	1217.2	1147.2	1090.1	1021.5	946.2	886.6	818.0	749.2
37.5°	1670.9	1591.8	1545.1	1492.0	1397.4	1319.6	1243.1	1167.9	1062.9	990.3	893.1
40°	2049.4	2002.7	1926.2	1840.7	1755.2	1652.8	1549.0	1449.2	1327.4	1226.2	1113.5
42.5°	2494.0	2425.3	2347.5	2224.4	2137.5	2016.9	1899.0	1766.8	1617.8	1488.1	1355.9
45°	2911.4	2829.7	2770.1	2647.0	2556.2	2413.6	2271.1	2131.1	1958.6	1791.5	1638.4
47.5°	3362.5	3295.1	3196.6	3096.8	3004.8	2844.0	2689.8	2519.9	2338.4	2140.1	1941.8
50°	3759.2	3706.0	3638.6	3518.1	3415.6	3280.9	3099.4	2914.0	2684.6	2487.6	2262.0
52.5°	4096.2	4054.7	3960.1	3874.5	3782.4	3655.5	3493.4	3315.8	3068.2	2851.7	2595.1
55°	4494.2	4464.3	4381.3	4328.2	4246.5	4124.7	3973.0	3808.4	3546.5	3310.6	3020.3
57.5°	5146.2	5122.8	5050.3	5028.2	4947.8	4841.5	4654.9	4478.5	4172.7	3879.7	3547.8
60°	6225.9	6179.3	6073.0	6018.5	5848.7	5706.2	5463.8	5221.3	4851.9	4478.5	4079.4
62.5°	7382.2	7251.3	7049.1	6875.4	6634.3	6386.6	6062.6	5691.8	5258.9	4815.6	4356.8
65°	8005.7	7782.7	7527.4	7251.3	6938.9	6574.6	6166.3	5721.7	5256.3	4788.4	4303.6
66°	8077.0	7825.5	7554.6	7247.4	6899.9	6512.4	6097.6	5630.9	5147.5	4691.2	4206.4
67.5°	7987.6	7724.4	7437.9	7097.1	6721.1	6319.3	5883.8	5398.9	4933.6	4470.8	3999.0
70°	7361.4	7099.6	6844.2	6485.2	6084.7	5680.2	5268.0	4726.2	4285.4	3860.3	3440.3
72.5°	5878.5	5701.0	5448.2	5141.0	4750.8	4276.4	3932.9	3448.0	3065.7	2653.4	2328.1
75°	3673.6	3423.5	3111.0	2719.6	2421.4	2036.4	1835.5	1467.4	1249.6	1059.1	875.0
77.5°	1878.2	1690.3	1471.3	1250.9	1039.6	829.6	641.7	453.7	306.0	212.6	158.1
80°	1551.6	1385.7	1204.2	1003.3	816.7	633.9	456.3	311.1	198.3	129.6	101.1
82.5°	1282.0	1142.0	980.0	793.3	631.3	497.8	346.1	225.6	140.0	90.7	71.3
85°	545.8	495.2	382.4	303.4	228.2	168.6	118.0	79.1	55.7	45.4	41.5
87.5°	23.3	26.0	24.7	19.4	14.2	14.2	12.9	10.3	10.3	10.3	10.3
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0





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**CANDELA DISTRIBUTION (continued):**

	80°	81°	82°	83°	84°	85°	95°	105°	115°	125°	135°
0°	203.5	203.5	203.5	203.5	203.5	203.5	203.5	203.5	203.5	203.5	203.5
2.5°	212.6	211.3	210.0	210.0	208.7	207.4	199.6	193.1	185.4	180.2	175.0
5°	221.7	220.4	217.8	216.5	213.9	212.6	195.7	181.5	169.8	160.7	154.2
7.5°	230.7	229.4	225.6	221.7	220.4	217.8	190.5	172.4	156.8	146.5	140.0
10°	242.4	238.5	234.6	229.4	225.6	221.7	185.4	162.0	145.2	136.1	129.6
12.5°	259.3	252.7	246.3	239.8	234.6	228.2	182.8	152.9	136.1	125.8	119.3
15°	278.7	269.6	261.9	254.0	245.0	238.5	177.6	145.2	128.4	118.0	110.1
17.5°	296.8	286.5	274.8	263.2	254.0	245.0	172.4	137.4	120.6	110.1	102.4
20°	322.8	307.3	292.9	278.7	265.8	254.0	164.7	129.6	114.0	102.4	94.6
22.5°	351.3	333.1	315.0	295.5	278.7	263.2	158.1	123.2	107.6	95.9	86.9
25°	387.5	365.6	340.9	316.3	296.8	276.1	151.6	116.7	101.1	89.4	80.4
27.5°	438.1	407.0	379.8	348.7	318.9	295.5	146.5	111.4	94.6	83.0	73.9
30°	506.8	461.5	418.7	385.0	350.0	316.3	141.3	105.0	89.4	76.5	66.1
32.5°	583.4	530.1	480.9	430.3	386.3	347.4	136.1	99.8	83.0	70.0	60.9
35°	678.0	610.5	544.5	486.1	432.9	381.1	130.9	94.6	77.8	63.5	54.4
37.5°	814.1	729.8	643.0	567.7	499.1	430.3	127.1	89.4	71.3	57.0	48.0
40°	1000.8	891.8	785.5	683.2	593.7	508.1	121.9	84.3	66.1	51.8	42.8
42.5°	1202.9	1070.7	930.7	815.4	692.2	584.7	116.7	79.1	60.9	46.7	37.6
45°	1454.4	1289.8	1120.0	963.1	812.7	674.1	111.4	73.9	54.4	41.5	32.4
47.5°	1729.2	1519.2	1327.4	1130.3	951.4	785.5	105.0	70.0	49.3	36.3	28.6
50°	2011.8	1790.2	1547.7	1323.4	1110.9	897.0	98.5	63.5	44.1	32.4	23.3
52.5°	2316.4	2054.6	1807.0	1528.3	1280.7	1043.4	92.0	58.3	40.2	28.6	19.4
55°	2704.0	2411.1	2120.7	1808.3	1510.1	1213.3	85.6	51.8	35.0	24.7	15.5
57.5°	3191.4	2844.0	2487.6	2134.9	1773.3	1436.3	80.4	45.4	29.8	20.7	12.9
60°	3651.6	3245.9	2814.2	2408.5	2000.1	1607.4	72.6	40.2	26.0	16.8	12.9
62.5°	3890.1	3427.3	2962.0	2514.7	2079.2	1668.3	64.8	33.7	22.0	14.2	11.6
65°	3831.7	3359.9	2908.8	2457.7	2031.3	1629.4	57.0	29.8	19.4	12.9	11.6
66°	3747.5	3280.9	2827.2	2398.1	1991.1	1587.9	53.1	28.6	18.1	12.9	10.3
67.5°	3563.5	3112.3	2679.4	2280.1	1880.8	1508.8	48.0	26.0	16.8	11.6	10.3
70°	3043.6	2634.0	2287.9	1932.8	1607.4	1271.6	38.9	22.0	14.2	10.3	10.3
72.5°	2014.4	1735.7	1504.9	1295.0	1082.3	840.0	32.4	18.1	11.6	10.3	9.1
75°	759.6	687.0	589.8	530.1	462.8	405.8	26.0	11.6	9.1	9.1	9.1
77.5°	134.8	124.5	110.1	101.1	93.3	85.6	20.7	7.8	7.8	9.1	9.1
80°	90.7	84.3	76.5	70.0	64.8	58.3	14.2	6.5	7.8	7.8	9.1
82.5°	64.8	60.9	57.0	51.8	48.0	42.8	9.1	6.5	7.8	7.8	7.8
85°	38.9	36.3	33.7	31.1	27.3	26.0	6.5	6.5	6.5	7.8	7.8
87.5°	10.3	9.1	10.3	10.3	7.8	9.1	5.2	5.2	5.2	6.5	6.5
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P180611

CATALOG NUMBER: ICM-F06-LED-E1-SL3-HSS-8030

**CANDELA DISTRIBUTION (continued):**

	145°	155°	165°	175°	180°
0°	203.5	203.5	203.5	203.5	203.5
2.5°	172.4	172.4	169.8	173.7	173.7
5°	149.0	149.0	147.8	149.0	149.0
7.5°	136.1	134.8	134.8	134.8	136.1
10°	124.5	123.2	123.2	123.2	123.2
12.5°	114.0	112.7	111.4	112.7	112.7
15°	105.0	102.4	102.4	102.4	102.4
17.5°	97.2	94.6	93.3	93.3	93.3
20°	89.4	85.6	85.6	85.6	85.6
22.5°	81.7	77.8	77.8	77.8	77.8
25°	73.9	70.0	70.0	70.0	70.0
27.5°	67.4	63.5	63.5	63.5	63.5
30°	59.6	57.0	57.0	58.3	57.0
32.5°	54.4	50.5	50.5	51.8	51.8
35°	48.0	45.4	45.4	45.4	45.4
37.5°	41.5	38.9	38.9	38.9	38.9
40°	36.3	33.7	32.4	33.7	33.7
42.5°	31.1	28.6	27.3	27.3	27.3
45°	27.3	23.3	22.0	23.3	23.3
47.5°	22.0	19.4	19.4	20.7	20.7
50°	16.8	16.8	18.1	20.7	20.7
52.5°	15.5	15.5	18.1	20.7	20.7
55°	14.2	15.5	18.1	19.4	20.7
57.5°	12.9	15.5	18.1	19.4	19.4
60°	12.9	14.2	16.8	19.4	19.4
62.5°	11.6	12.9	15.5	18.1	18.1
65°	11.6	12.9	15.5	18.1	18.1
66°	11.6	12.9	15.5	18.1	18.1
67.5°	11.6	12.9	15.5	18.1	18.1
70°	11.6	12.9	15.5	16.8	16.8
72.5°	10.3	11.6	14.2	16.8	16.8
75°	10.3	11.6	14.2	16.8	16.8
77.5°	10.3	11.6	14.2	16.8	16.8
80°	10.3	11.6	14.2	15.5	16.8
82.5°	9.1	11.6	12.9	15.5	15.5
85°	9.1	10.3	12.9	14.2	15.5
87.5°	7.8	9.1	10.3	12.9	12.9
90°	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)